

SEQUENCE LISTING

<110> Tsang et al.

<120> METHODS AND COMPOSITIONS FOR DETECTING LARVAL TAENIA SOLIUM

<130> 6395-62068

<140> 10/048,146

<141> 2000-08-03

<150> US 60/147,318

<151> 1999-08-03

<150> PCT/US00/21173

<151> 2000-08-03

<160> 9

<170> PatentIn version 3.1

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acttgtaact gaacaacctg taga atg cgt gcc tac att gtg ctt ctc gct 171
Met Arg Ala Tyr Ile Val Leu Leu Ala
1 5

ctc act gtt ttc gta gtg acg gtg tcg gcc gag tgg gtg ccc att tcg 219
Leu Thr Val Phe Val Val Thr Val Ser Ala Glu Trp Val Pro Ile Ser
10 15 20 25

agt gtc cac ata gcc tca tgc aaa agc cac tac atg ttc caa tta aaa 267
Ser Val His Ile Ala Ser Cys Lys Ser His Tyr Met Phe Gln Leu Lys
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cgc ttt ttt gcc ttt agg aaa aac aaa ccg aaa gat gtt gca aat agt 315
Arg Phe Phe Ala Phe Arg Lys Asn Lys Pro Lys Asp Val Ala Asn Ser
45 50 55

acg aaa aaa ggg ata gaa tat gtc cac gaa ttc ttc cac gaa gac ccg 363
Thr Lys Lys Gly Ile Glu Tyr Val His Glu Phe Phe His Glu Asp Pro
60 65 70

att ggt aaa caa att gct caa ctc gca aag gaa tgg aag gaa gca atg	411
Ile Gly Lys Gln Ile Ala Gln Leu Ala Lys Glu Trp Lys Glu Ala Met	
75 80 85	
ttg gaa ggt agg ttt tgg tgt ttt ctg tca gaa gaa aat tat cta ttc	459
Leu Glu Gly Arg Phe Trp Cys Phe Leu Ser Glu Glu Asn Tyr Leu Phe	
90 95 100 105	
att cat cta gac aaa ggc aaa ata cgg acg tca ctg gtt gag cac tgc	507
Ile His Leu Asp Lys Gly Lys Ile Arg Thr Ser Leu Val Glu His Cys	
110 115 120	
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Lys Gly Pro Lys Lys Lys Thr Ala	
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Lys Ser His Tyr Met Phe Gln Leu Lys Arg Phe Phe Ala Phe Arg Lys
 35 40 45

Asn Lys Pro Lys Asp Val Ala Asn Ser Thr Lys Lys Gly Ile Glu Tyr
 50 55 60

Val His Glu Phe Phe His Glu Asp Pro Ile Gly Lys Gln Ile Ala Gln
 65 70 75 80

Leu Ala Lys Glu Trp Lys Glu Ala Met Leu Glu Gly Arg Phe Trp Cys
 85 90 95

Phe Leu Ser Glu Glu Asn Tyr Leu Phe Ile His Leu Asp Lys Gly Lys
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 gca aat agt act aag aaa gag ata gaa tat atc cac aat tgg ttt ttc 95
 Ala Asn Ser Thr Lys Lys Glu Ile Glu Tyr Ile His Asn Trp Phe Phe
 20 25 30
 cat gat gac ccg att gga aaa caa att gct caa ctc gca aag gac tgg 143
 His Asp Asp Pro Ile Gly Lys Gln Ile Ala Gln Leu Ala Lys Asp Trp
 35 40 45
 aat gaa aca gtg cag gaa gcc aaa ggc aaa ttt tgg gcg tca ctg gct 191
 Asn Glu Thr Val Gln Glu Ala Lys Gly Lys Phe Trp Ala Ser Leu Ala
 50 55 60
 gag tac tgc aga ggt ctg aag aac aaa act gct taacttgtca actttcatgc 244
 Glu Tyr Cys Arg Gly Leu Lys Asn Lys Thr Ala
 65 70
 gttctttctct tcaccaataa atgctgatta acaagaaaaa aaaaaaaaaa aaaa 298

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 Asp Asp Pro Ile Gly Lys Gln Ile Ala Gln Leu Ala Lys Asp Trp Asn
 35 40 45

Glu Thr Val Gln Glu Ala Lys Gly Lys Phe Trp Ala Ser Leu Ala Glu
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Tyr Cys Arg Gly Leu Lys Asn Lys Thr Ala
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 Val Lys Asn Ile Lys Lys Gly Met Glu Val Val Tyr Lys Phe Phe Tyr
 20 25 30
 gaa gac ccg ttg gga aag aaa ata gct caa ctc gca aag gac tgg aag 143
 Glu Asp Pro Leu Gly Lys Lys Ile Ala Gln Leu Ala Lys Asp Trp Lys
 35 40 45
 gaa gca atg ttg gaa gcc aga agc aaa gtg cgg gcg tca ctg gct gag 191
 Glu Ala Met Leu Glu Ala Arg Ser Lys Val Arg Ala Ser Leu Ala Glu
 50 55 60
 tac atc aga ggt ctc aag aac gaa gct gct taacttgtca actttcatgc 241
 Tyr Ile Arg Gly Leu Lys Asn Glu Ala Ala
 65 70
 gttcttctct tcactaataa atgctcatta ataagaaaaa aaaaaaaaaa aaa 294

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Lys Asn Ile Lys Lys Gly Met Glu Val Val Tyr Lys Phe Phe Tyr Glu

20

25

30

Asp Pro Leu Gly Lys Lys Ile Ala Gln Leu Ala Lys Asp Trp Lys Glu
 35 40 45

Ala Met Leu Glu Ala Arg Ser Lys Val Arg Ala Ser Leu Ala Glu Tyr
 50 55 60

Ile Arg Gly Leu Lys Asn Glu Ala Ala
 65 70

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Ile Ala Gln Leu Ala Lys
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<210> 8
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 <223> Amino acid at position 7 may also be valine

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 <223> Asparagine at position 21 is an amino acid insertion

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 <222> (14)..(15)
 <223> Amino acid at position 14 may also be glycine

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 <222> (18)..(19)
 <223> Amino acid at position 18 may also be valine

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 <222> (19)..(20)
 <223> Amino acid at position 19 may also be histidine

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 <222> (20)..(21)
 <223> Amino acid at position 20 may also be arginine

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Lys	Asn	Lys	Pro	Lys	Asp	Asp	Ala	Ala	Ser	Thr	Lys	Lys	Glu	Ile	Glu
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Tyr	Ile	Trp	His	Asn	Phe	Phe	Phe
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 <222> (12)..(13)
 <223> Amino acid at position 12 may also be aspartic acid

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 <222> (7)..(9)
 <223> Amino acid at position 7 may also be asparagine

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 <222> (8)..(9)
 <223> Tryptophan at position 8 is an amino acid insertion

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